

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
 Data File : BF124586.D
 Acq On : 15 Jul 2021 23:07
 Operator : JU/CG
 Sample : M3032-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071421

Quant Time: Jul 16 02:52:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 07:49:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

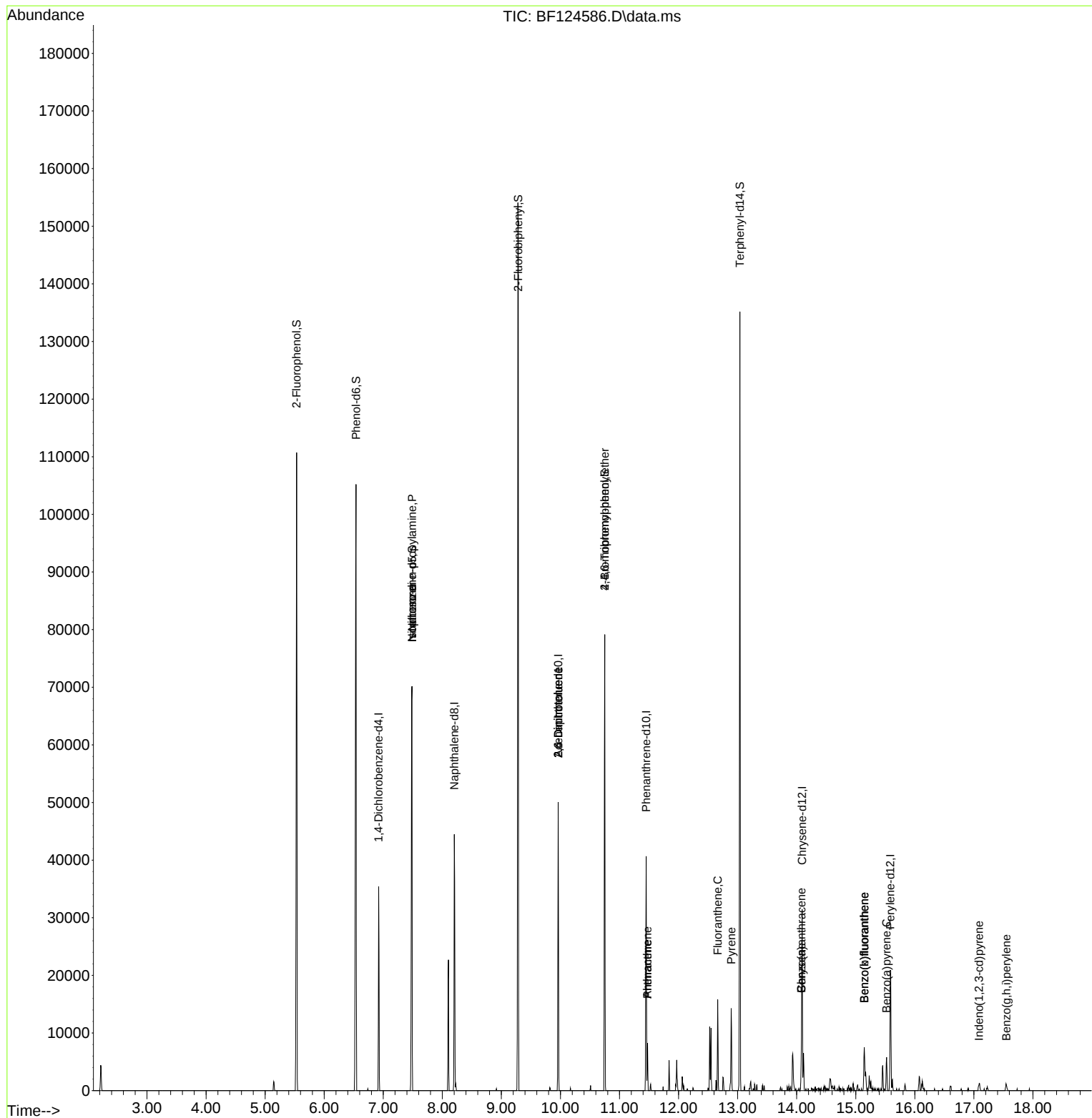
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	4934	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	19441	20.00	ng	0.00
39) Acenaphthene-d10	9.963	164	9754	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	14502	20.00	ng	0.00
76) Chrysene-d12	14.092	240	10572	20.00	ng	0.00
86) Perylene-d12	15.586	264	10916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	29142	102.33	ng	0.00
7) Phenol-d6	6.539	99	33427	96.49	ng	0.00
23) Nitrobenzene-d5	7.486	82	20985	68.14	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	6787	89.42	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	49977	74.72	ng	0.00
79) Terphenyl-d14	13.039	244	40986	65.10	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	2823	14.49	ng	# 74
25) Isophorone	7.486	82	20984	37.12	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	1233	9.22	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	1233	6.73	ng	# 18
67) 4-Bromophenyl-phenylether	10.751	248	423	2.82	ng	# 1
71) Phenanthrene	11.474	178	3780	4.78	ng	98
72) Anthracene	11.474	178	3780	4.76	ng	99
75) Fluoranthene	12.662	202	6839	8.57	ng	96
78) Pyrene	12.892	202	6767	7.70	ng	97
81) Benzo(a)anthracene	14.080	228	3362	4.80	ng	99
83) Chrysene	14.080	228	3362	5.01	ng	97
87) Indeno(1,2,3-cd)pyrene	17.086	276	1808	2.86	ng	# 53
88) Benzo(b)fluoranthene	15.145	252	7357	9.39	ng	98
89) Benzo(k)fluoranthene	15.145	252	7357	10.23	ng	# 94
90) Benzo(a)pyrene	15.521	252	3677	5.69	ng	98
92) Benzo(g,h,i)perylene	17.550	276	1538	2.92	ng	# 47

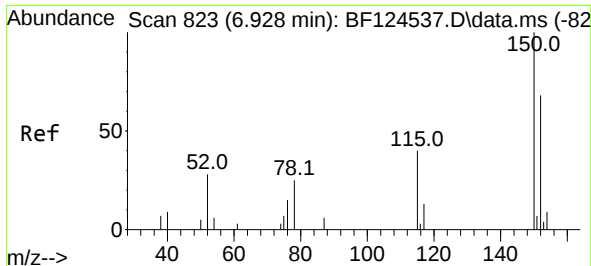
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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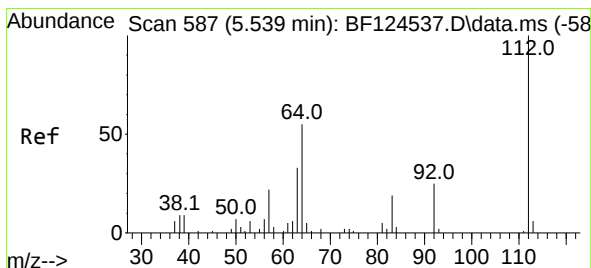
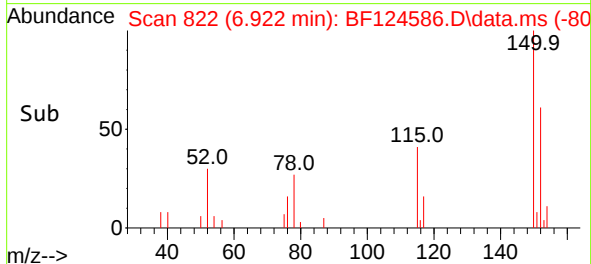
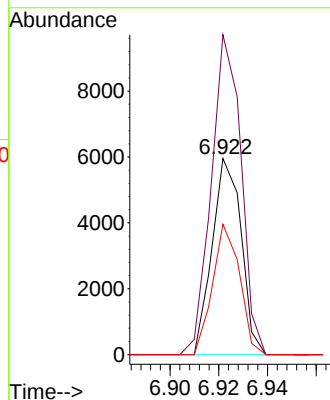
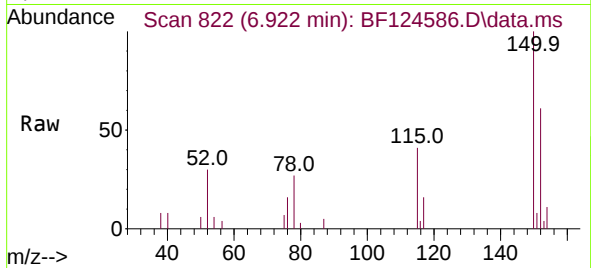




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

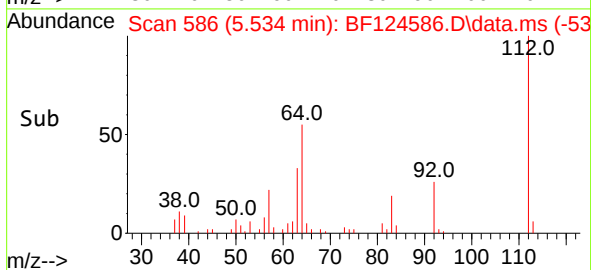
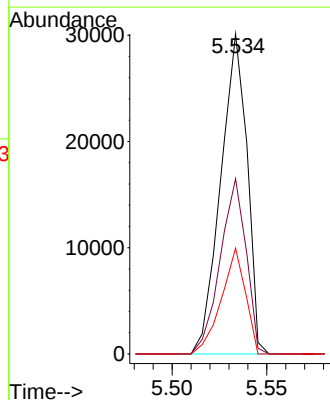
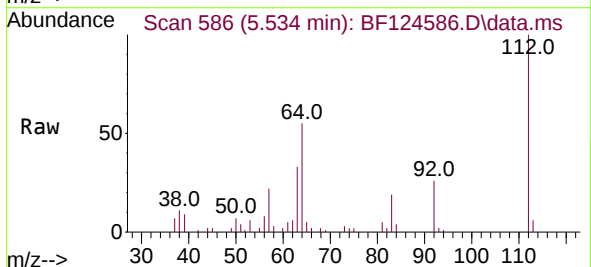
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BNA_F
ClientSampleId :
NB-07-071421

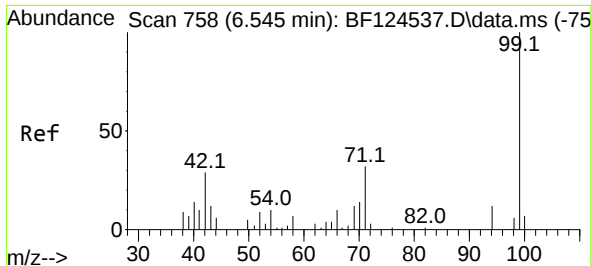
Tgt Ion:152 Resp: 4934
Ion Ratio Lower Upper
152 100
150 163.1 117.6 176.4
115 66.5 47.1 70.7



#5
2-Fluorophenol
Concen: 102.33 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.005 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Tgt Ion:112 Resp: 29142
Ion Ratio Lower Upper
112 100
64 54.8 44.2 66.2
63 33.1 26.2 39.2

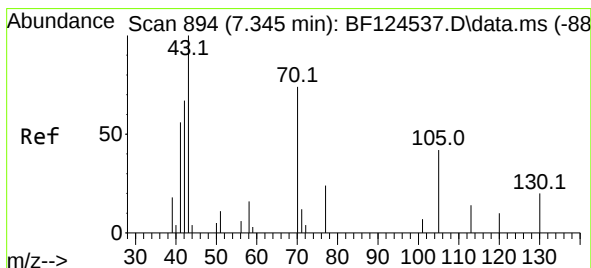
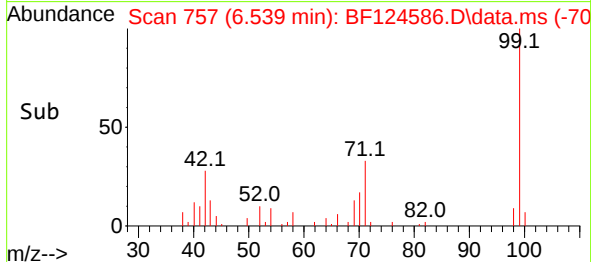
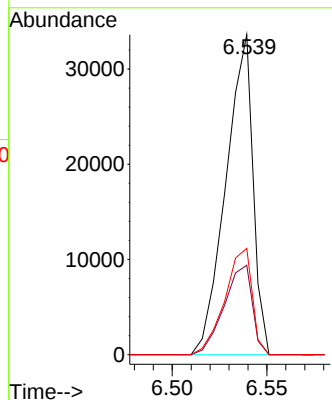
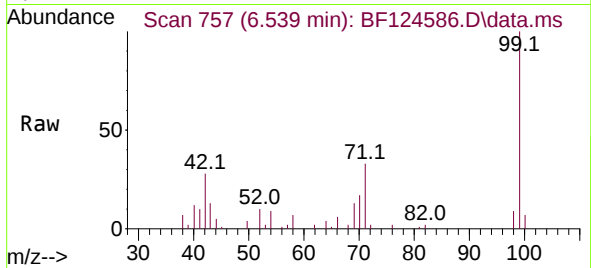




#7
Phenol-d6
Concen: 96.49 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

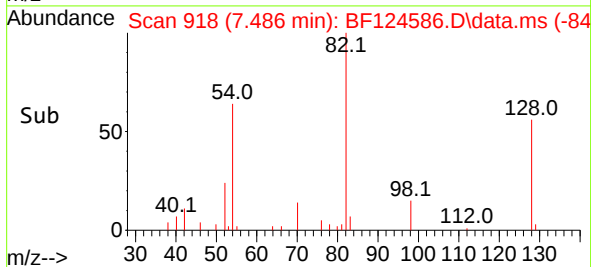
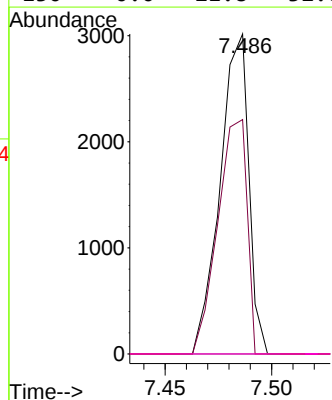
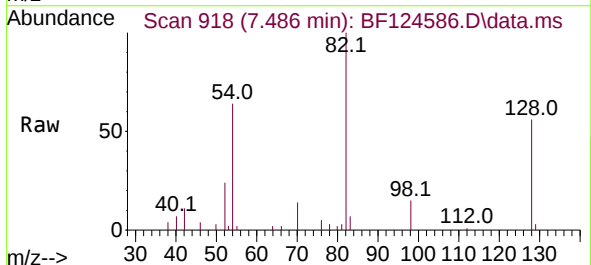
Instrument :
BNA_F
ClientSampleId :
NB-07-071421

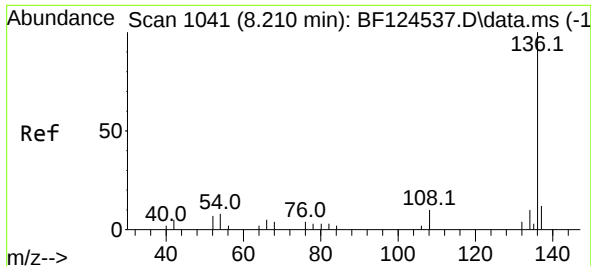
Tgt Ion: 99 Resp: 33427
Ion Ratio Lower Upper
99 100
42 27.9 23.5 35.3
71 33.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.49 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.141 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Tgt Ion: 70 Resp: 2823
Ion Ratio Lower Upper
70 100
42 73.2 72.2 108.2
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

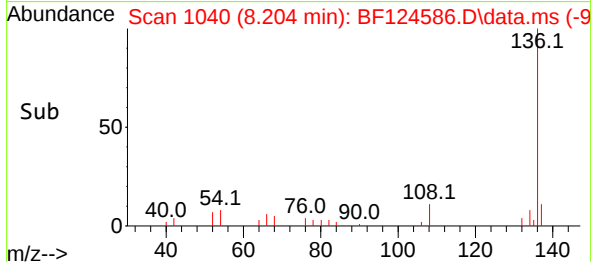
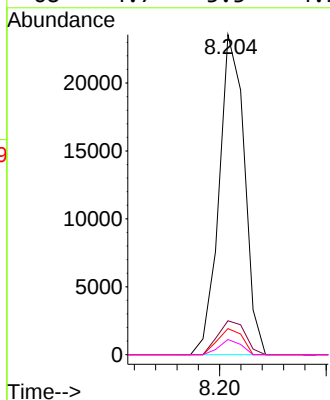
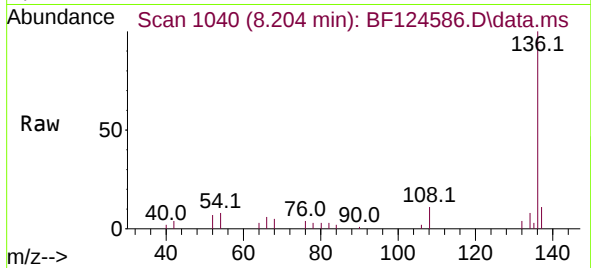




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

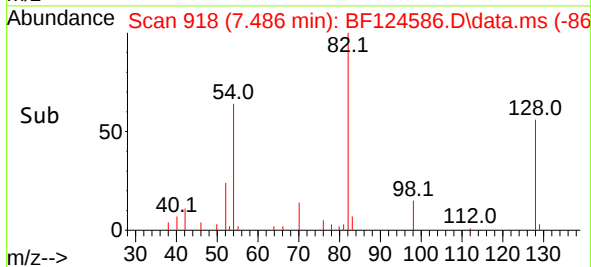
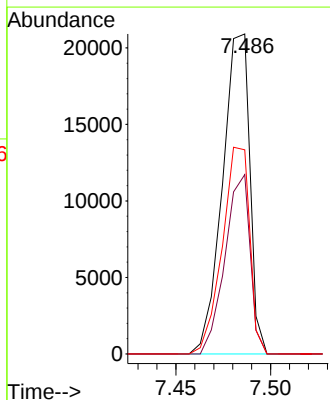
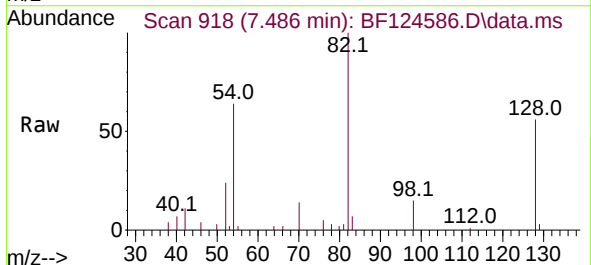
Instrument :
BNA_F
ClientSampled :
NB-07-071421

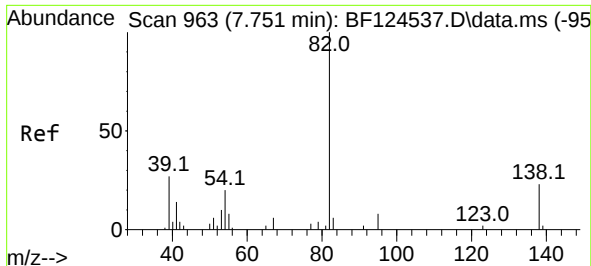
Tgt Ion:136	Resp:	19441
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.8 14.6
54	8.2	6.4 9.6
68	4.7	3.3 4.9



#23
Nitrobenzene-d5
Concen: 68.14 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Tgt Ion: 82	Resp:	20985
Ion Ratio	Lower	Upper
82	100	
128	56.1	40.6 60.8
54	63.8	49.6 74.4

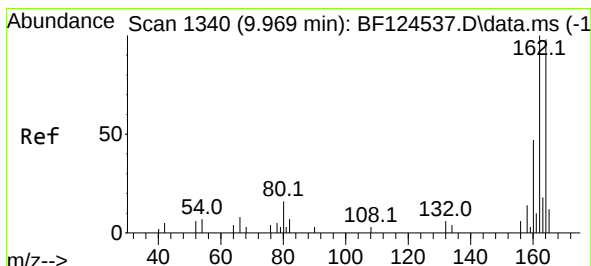
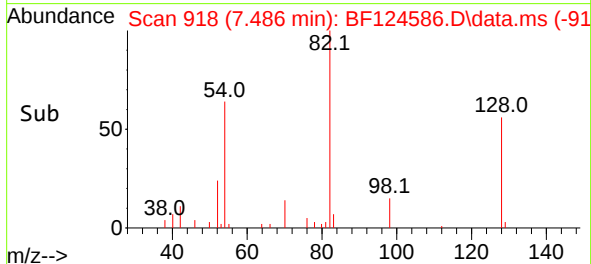
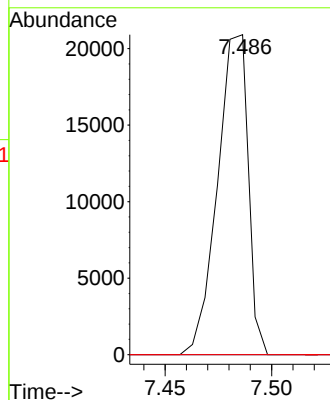
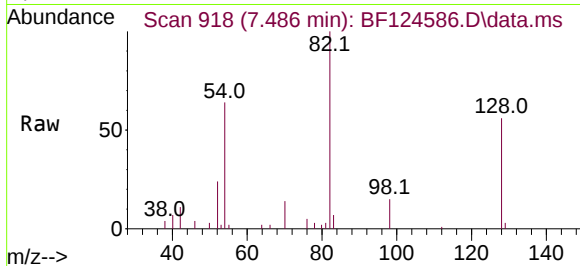




#25
Isophorone
Concen: 37.12 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.265 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

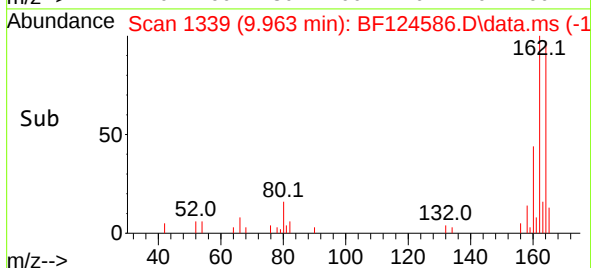
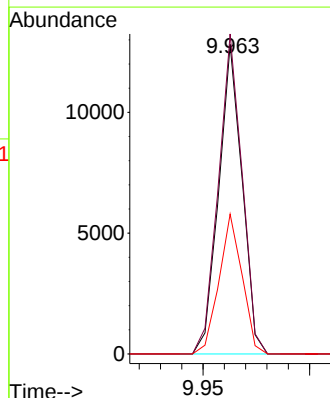
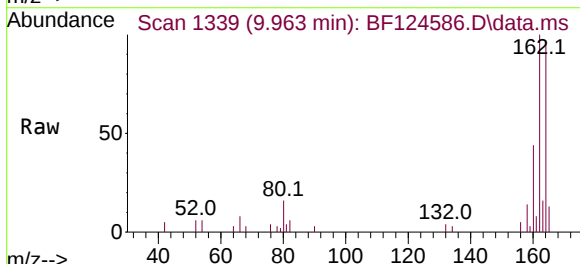
Instrument :
BNA_F
ClientSampleId :
NB-07-071421

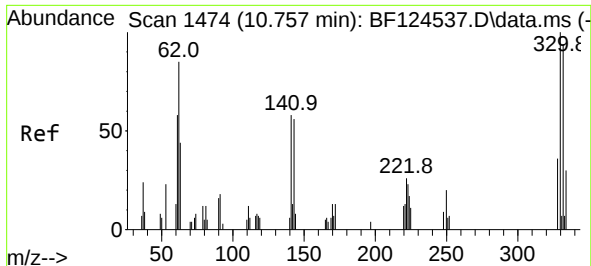
Tgt Ion: 82 Resp: 20984
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Tgt Ion: 164 Resp: 9754
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 45.1 38.0 57.0

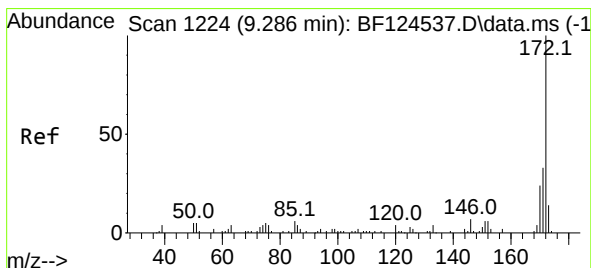
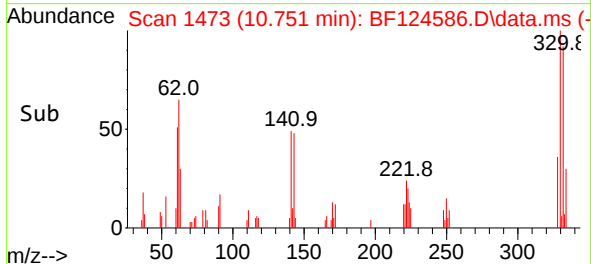
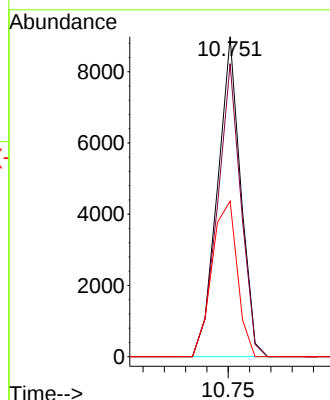
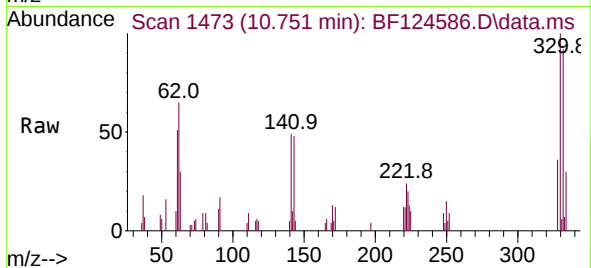




#42
2,4,6-Tribromophenol
Concen: 89.42 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

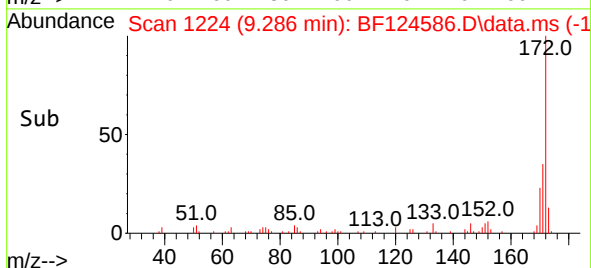
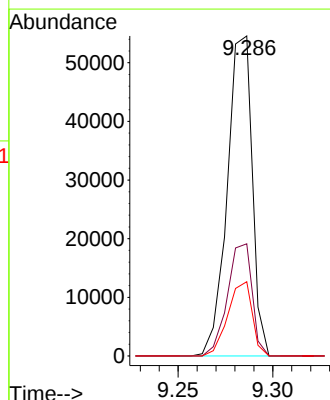
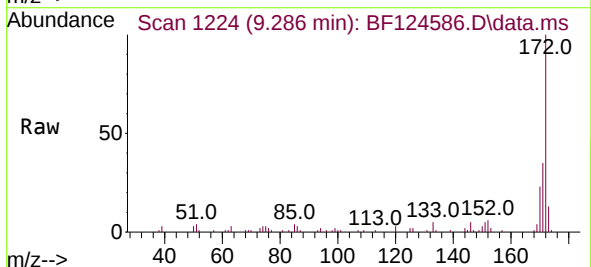
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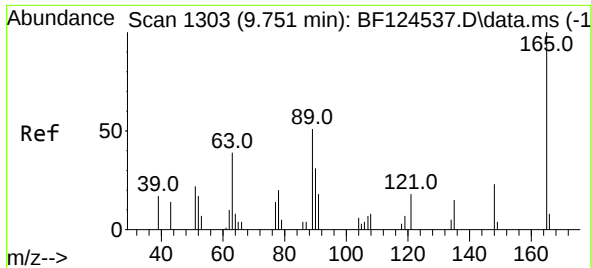
Tgt Ion: 330 Resp: 6787
Ion Ratio Lower Upper
330 100
332 92.0 76.2 114.4
141 53.2 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 74.72 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Tgt Ion: 172 Resp: 49977
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.2 18.8 28.2

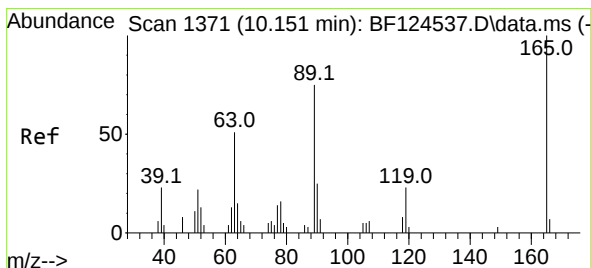
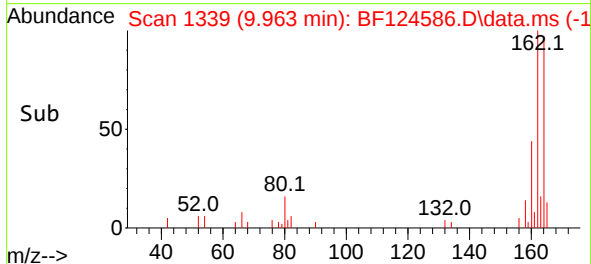
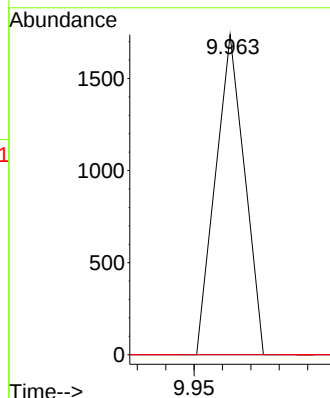
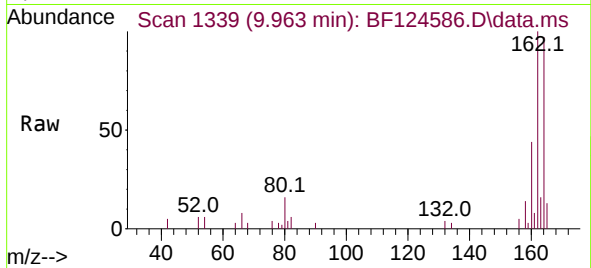




#51
2,6-Dinitrotoluene
Concen: 9.22 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

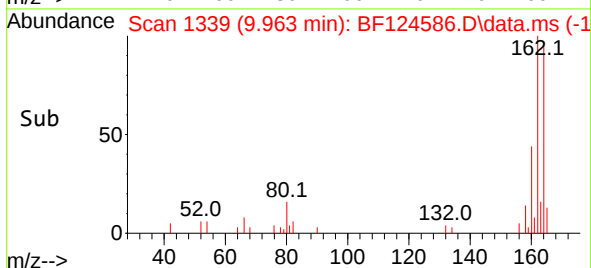
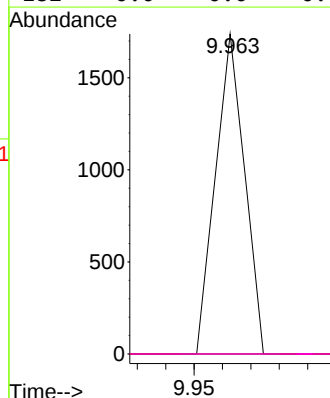
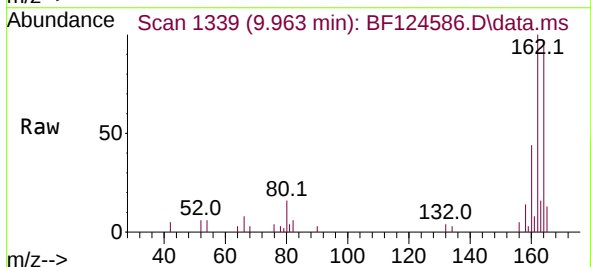
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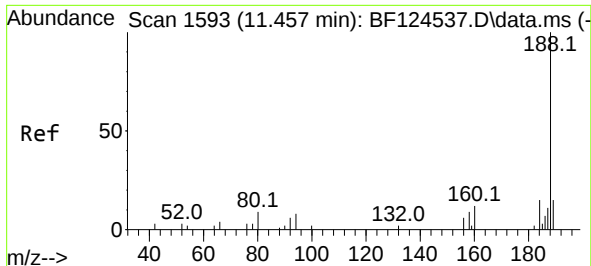
Tgt Ion:165 Resp: 1233
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.73 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Tgt Ion:165 Resp: 1233
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

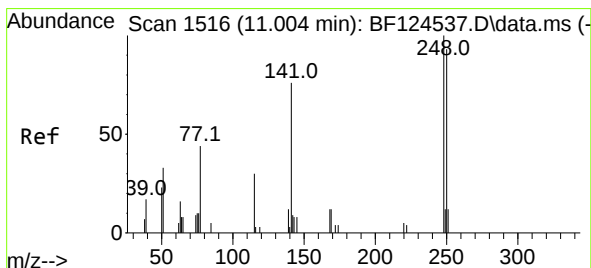
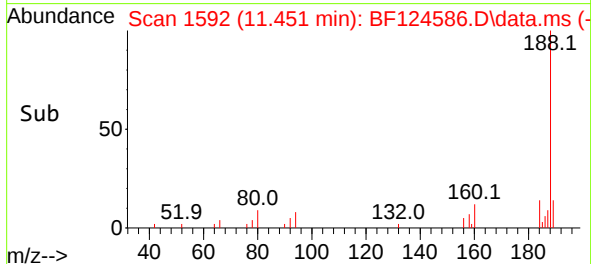
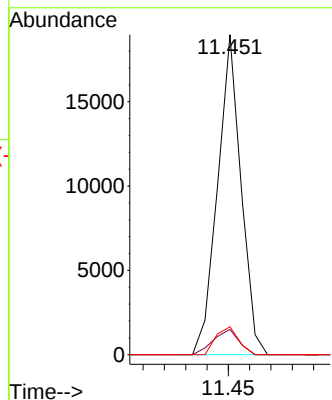
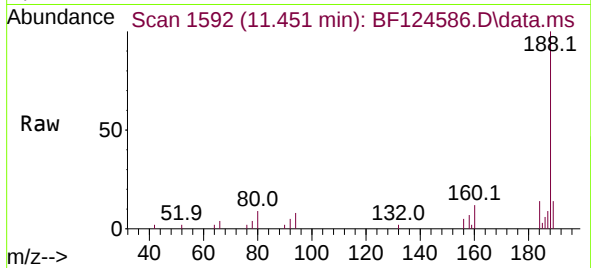




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

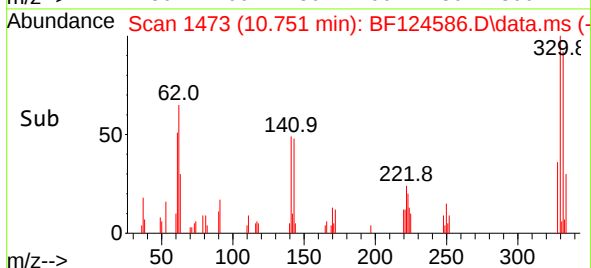
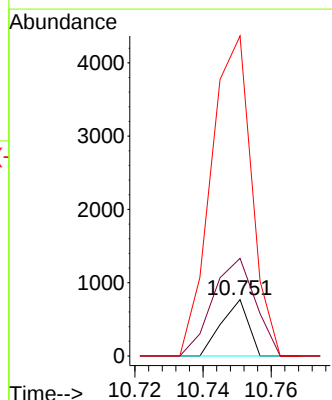
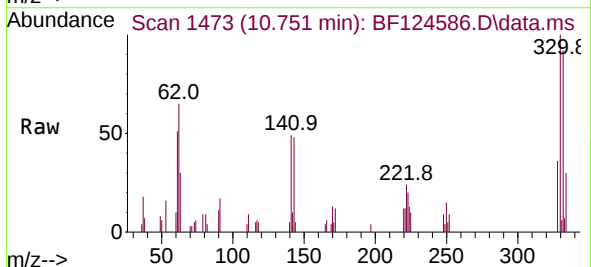
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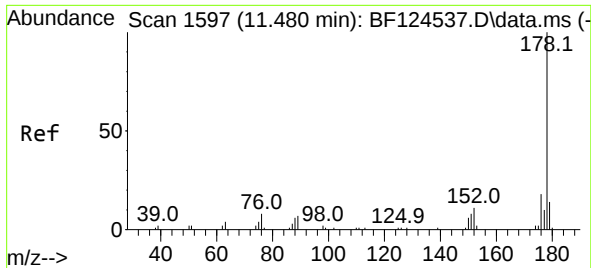
Tgt Ion:188 Resp: 14502
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.82 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.253 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Tgt Ion:248 Resp: 423
Ion Ratio Lower Upper
248 100
250 173.1 74.2 111.4#
141 567.9 60.4 90.6#

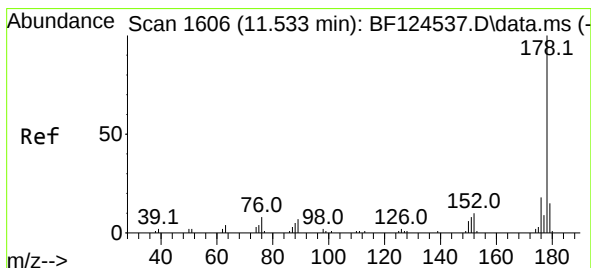
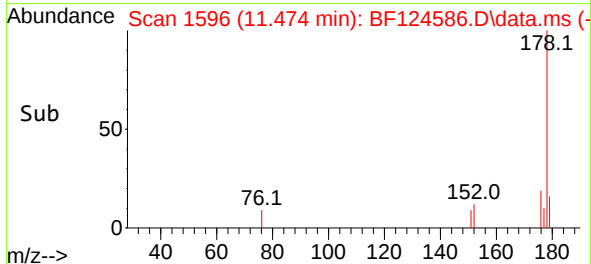
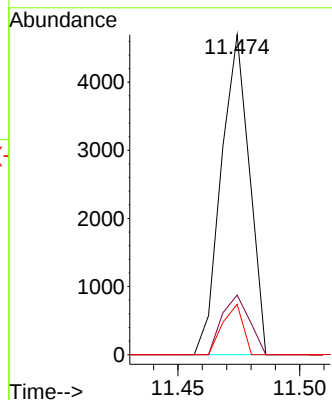
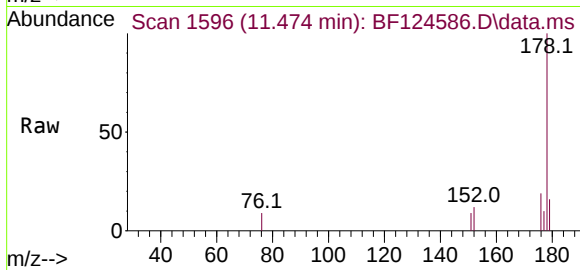




#71
Phenanthrene
Concen: 4.78 ng
RT: 11.474 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

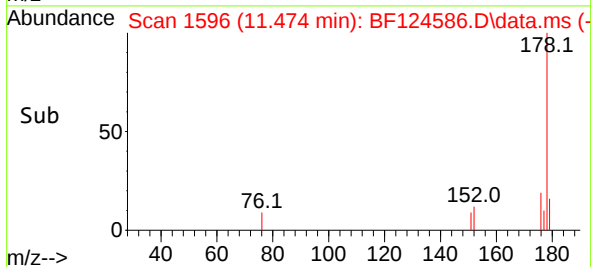
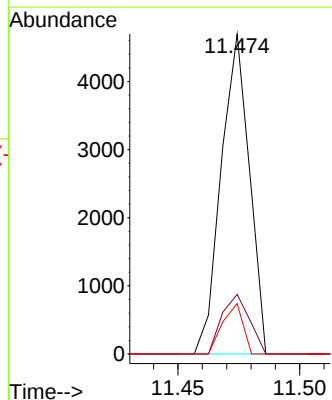
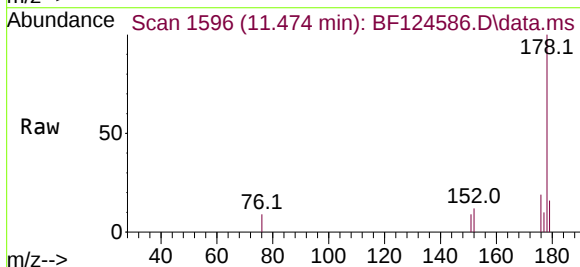
Instrument :
BNA_F
ClientSampled :
NB-07-071421

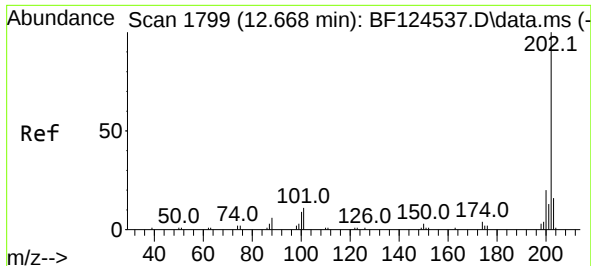
Tgt Ion:178 Resp: 3780
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.7 11.5 17.3



#72
Anthracene
Concen: 4.76 ng
RT: 11.474 min Scan# 1596
Delta R.T. -0.059 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Tgt Ion:178 Resp: 3780
Ion Ratio Lower Upper
178 100
176 18.6 14.3 21.5
179 15.7 12.2 18.4

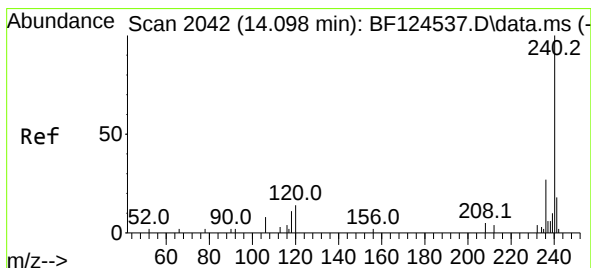
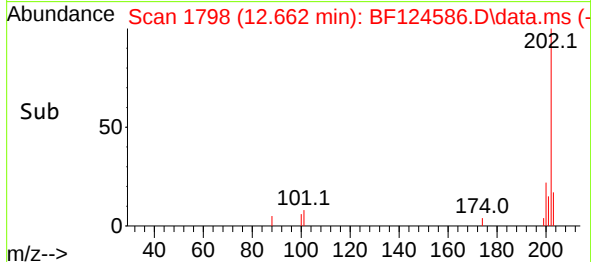
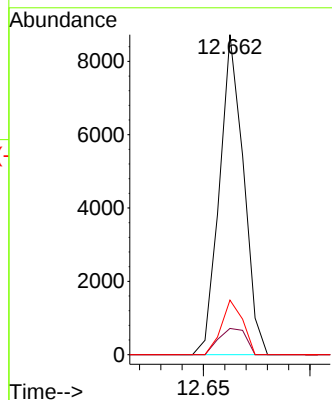
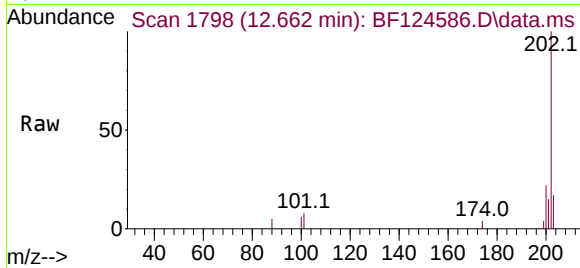




#75
Fluoranthene
Concen: 8.57 ng
RT: 12.662 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

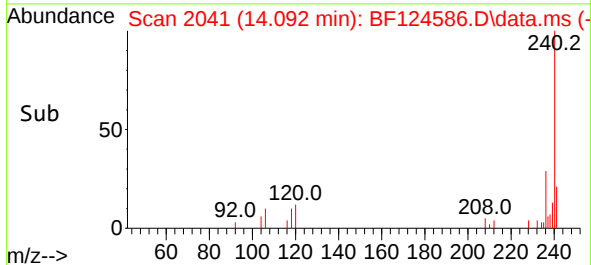
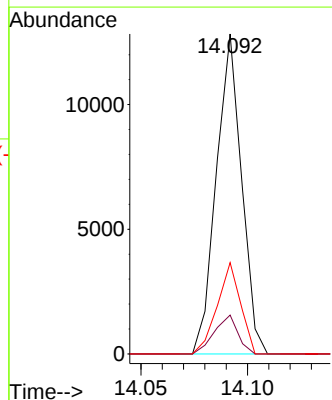
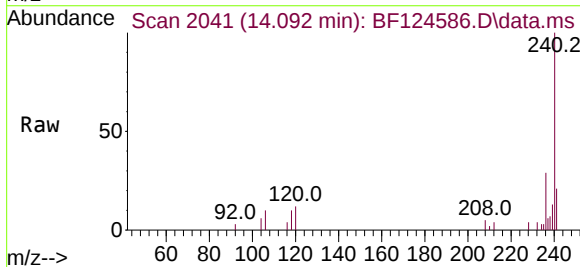
Instrument :
BNA_F
ClientSampled :
NB-07-071421

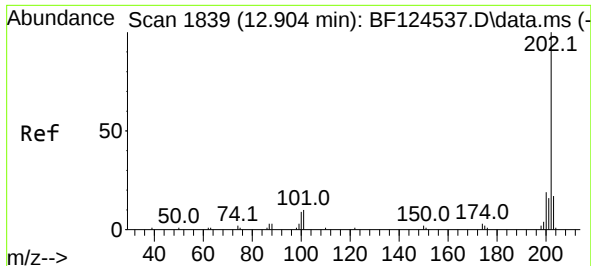
Tgt Ion:202 Resp: 6839
Ion Ratio Lower Upper
202 100
101 8.2 0.0 30.7
203 17.0 0.0 36.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

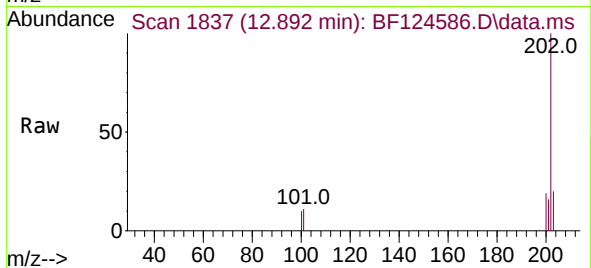
Tgt Ion:240 Resp: 10572
Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 28.6 21.6 32.4



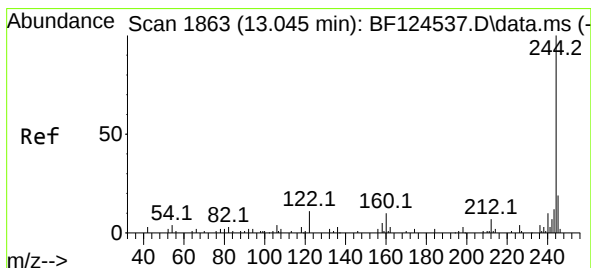
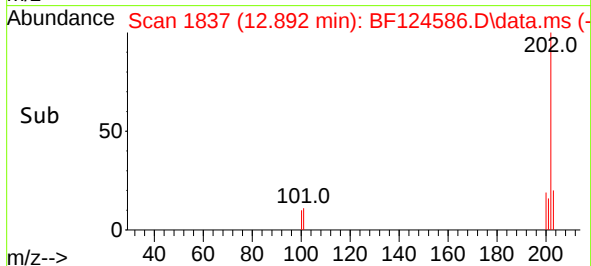
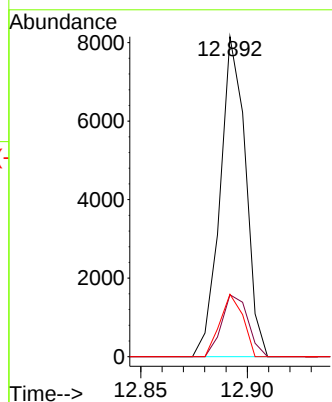


#78
Pyrene
Concen: 7.70 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Instrument :
BNA_F
ClientSampleId :
NB-07-071421

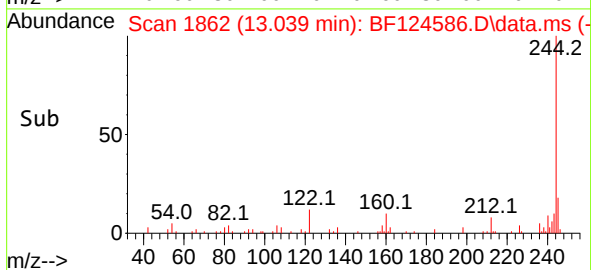
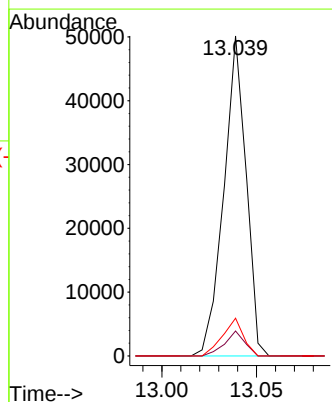
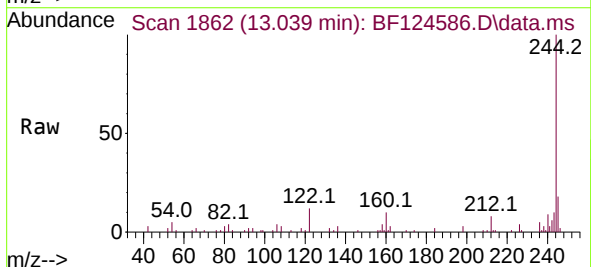


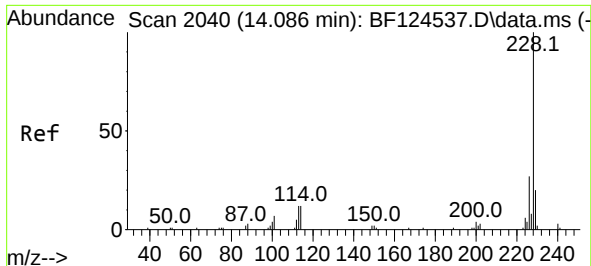
Tgt Ion:202 Resp: 6767
Ion Ratio Lower Upper
202 100
200 19.4 15.3 22.9
203 19.5 13.4 20.0



#79
Terphenyl-d14
Concen: 65.10 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Tgt Ion:244 Resp: 40986
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 11.8 9.0 13.4

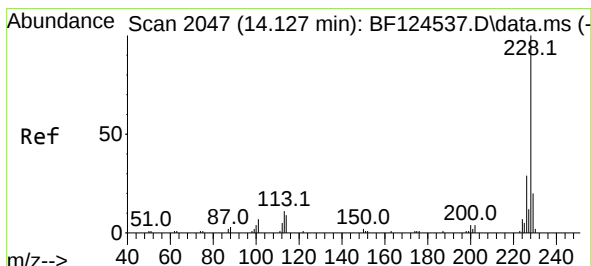
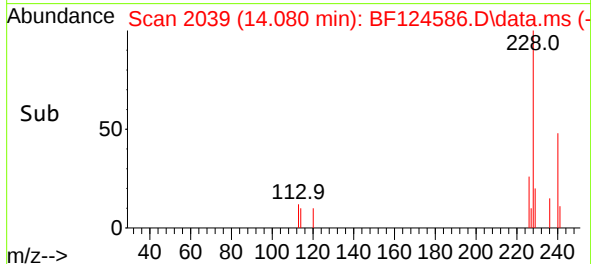
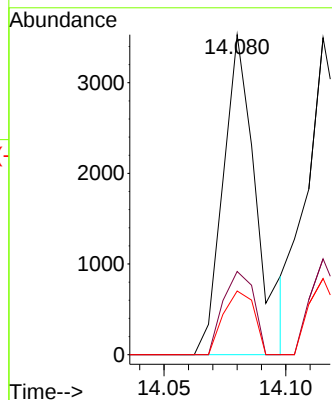
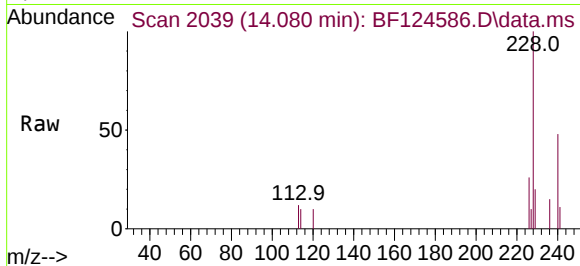




#81
Benzo(a)anthracene
Concen: 4.80 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

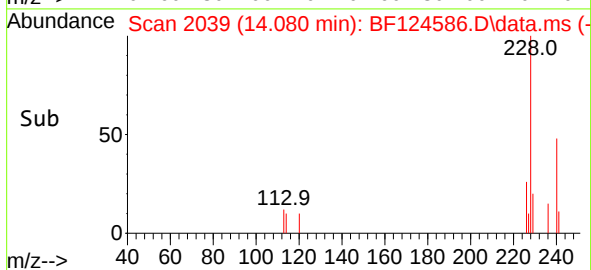
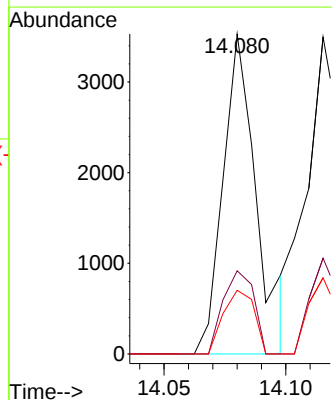
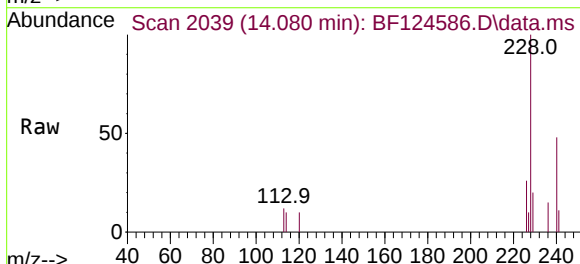
Instrument :
BNA_F
ClientSampleId :
NB-07-071421

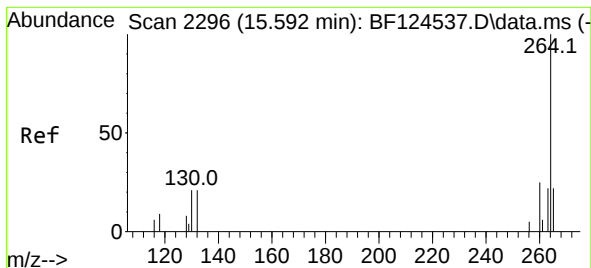
Tgt Ion:228 Resp: 3362
Ion Ratio Lower Upper
228 100
226 26.0 21.6 32.4
229 19.9 15.6 23.4



#83
Chrysene
Concen: 5.01 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.047 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Tgt Ion:228 Resp: 3362
Ion Ratio Lower Upper
228 100
226 26.0 22.6 34.0
229 19.9 15.9 23.9

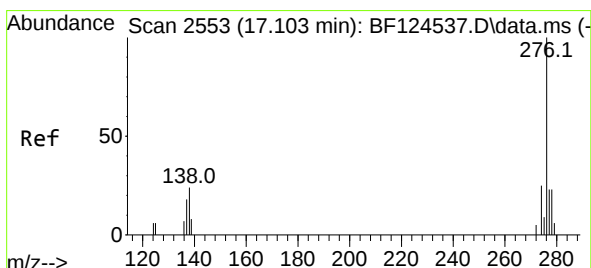
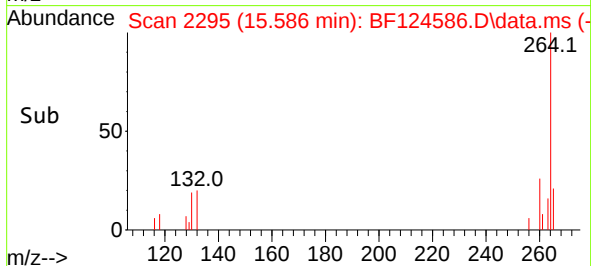
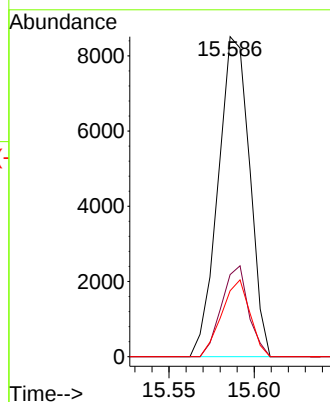
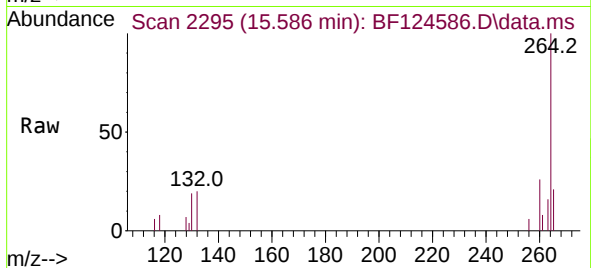




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF124586.D
 Acq: 15 Jul 2021 23:07

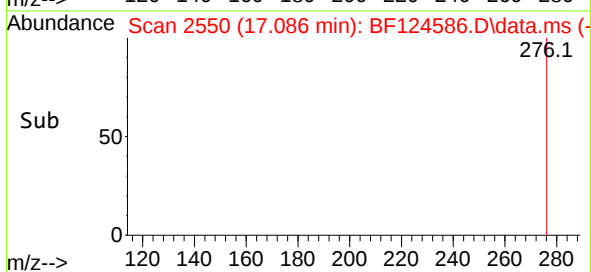
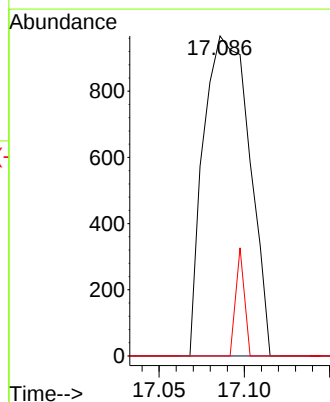
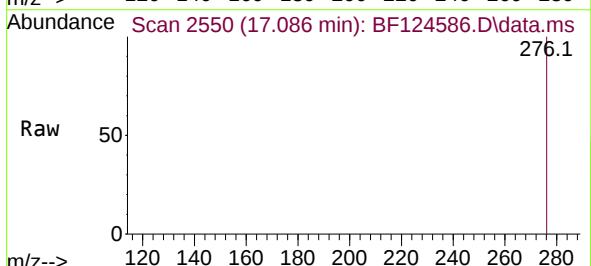
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071421

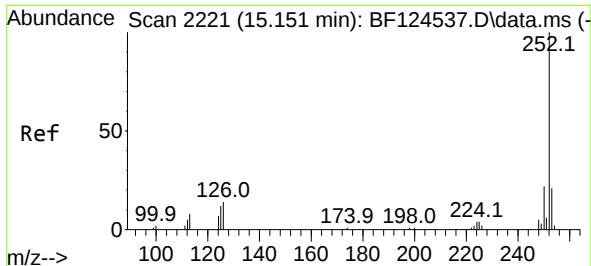
Tgt Ion:264	Resp:	10916
Ion Ratio	Lower	Upper
264	100	
260	25.7	19.6 29.4
265	20.6	17.2 25.8



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.86 ng
 RT: 17.086 min Scan# 2550
 Delta R.T. -0.018 min
 Lab File: BF124586.D
 Acq: 15 Jul 2021 23:07

Tgt Ion:276	Resp:	1808
Ion Ratio	Lower	Upper
276	100	
138	0.0	24.1 36.1#
277	6.4	18.8 28.2#

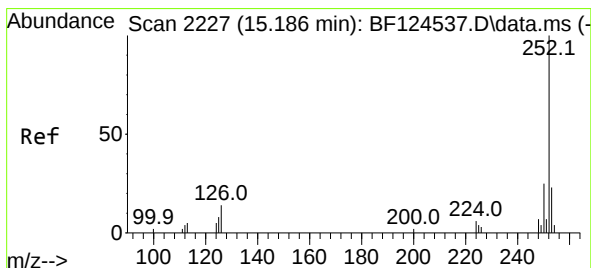
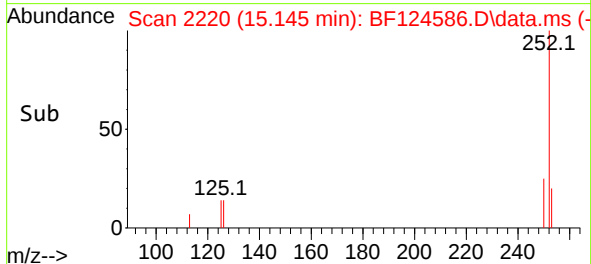
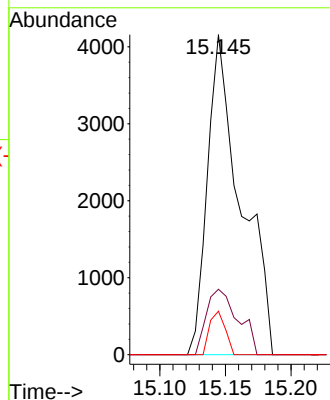
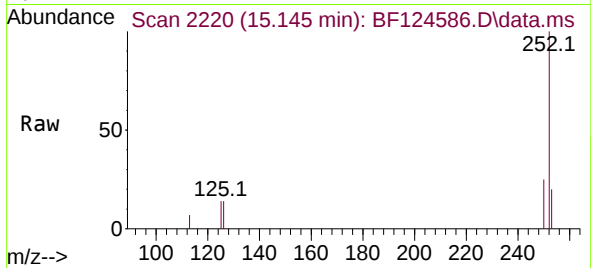




#88
Benzo(b)fluoranthene
Concen: 9.39 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

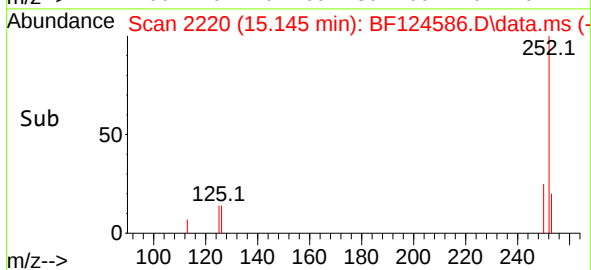
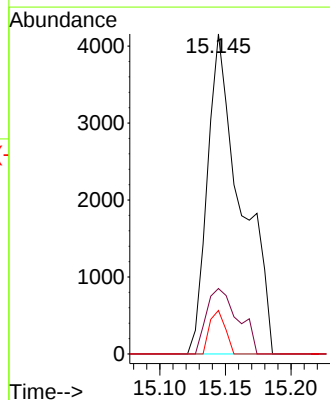
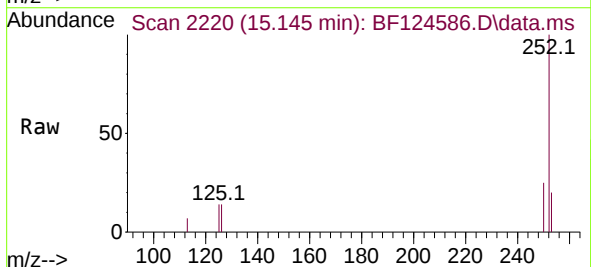
Instrument :
BNA_F
ClientSampleId :
NB-07-071421

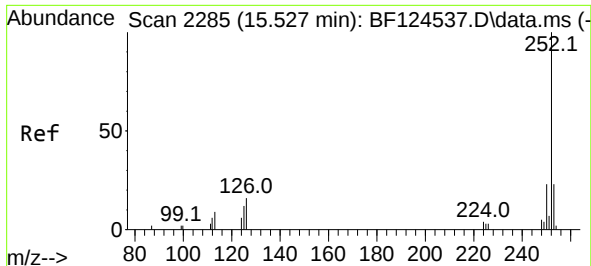
Tgt Ion:252 Resp: 7357
Ion Ratio Lower Upper
252 100
253 20.5 16.8 25.2
125 13.6 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 10.23 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.041 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Tgt Ion:252 Resp: 7357
Ion Ratio Lower Upper
252 100
253 20.5 17.8 26.8
125 13.6 7.2 10.8#

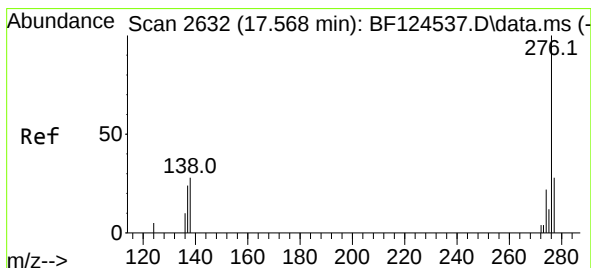
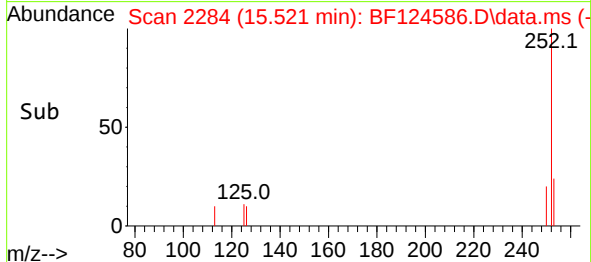
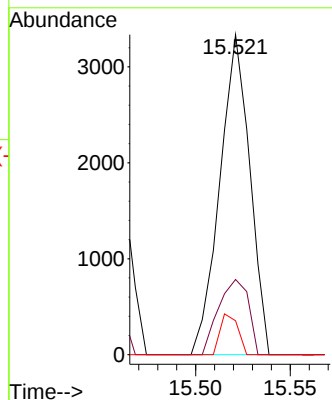
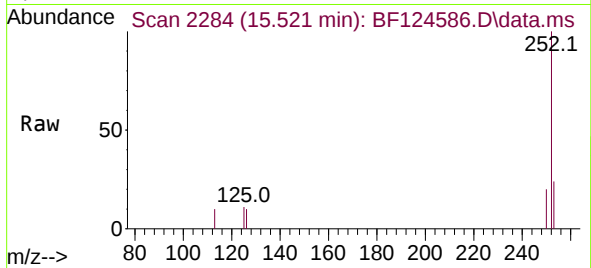




#90
Benzo(a)pyrene
Concen: 5.69 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Instrument :
BNA_F
ClientSampleId :
NB-07-071421

Tgt Ion:252 Resp: 3677
Ion Ratio Lower Upper
252 100
253 23.5 18.4 27.6
125 10.6 9.9 14.9



#92
Benzo(g,h,i)perylene
Concen: 2.92 ng
RT: 17.550 min Scan# 2629
Delta R.T. -0.018 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Tgt Ion:276 Resp: 1538
Ion Ratio Lower Upper
276 100
277 0.0 22.0 33.0#
138 0.0 22.2 33.4#

